

Kidde Fire Systems

Natura™ Inert Gas System

Component Description

Actuation Hoses

FEATURES

- For Approvals, see the “COMPATIBILITY” table.
- REACH and RoHS compliant

DESCRIPTION

The Actuation Hoses are used in multiple cylinder systems. Pressure is directed to the valve on each agent cylinder using an actuation hose (see Figure 1 and Figure 2). These hoses include quick connect couplings for ease of installation and maintenance.

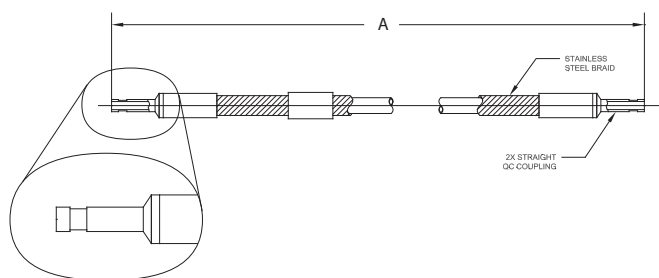


Figure 1. Flexible Actuation Hose with Straight to Straight Couplings

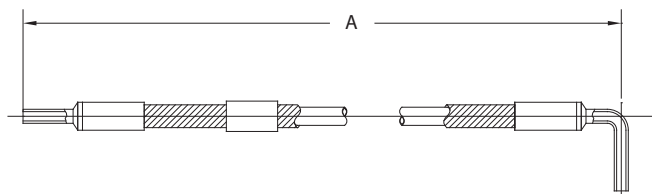


Figure 2. Flexible Actuation Hose with Straight to 90° Couplings

SPECIFICATIONS

Working Pressure (Nominal): 8 Bar (116 Psi)

Hose Burst Pressure: 700 Bar (10152 Psi)

Material:

Fittings - Plated Mild Steel

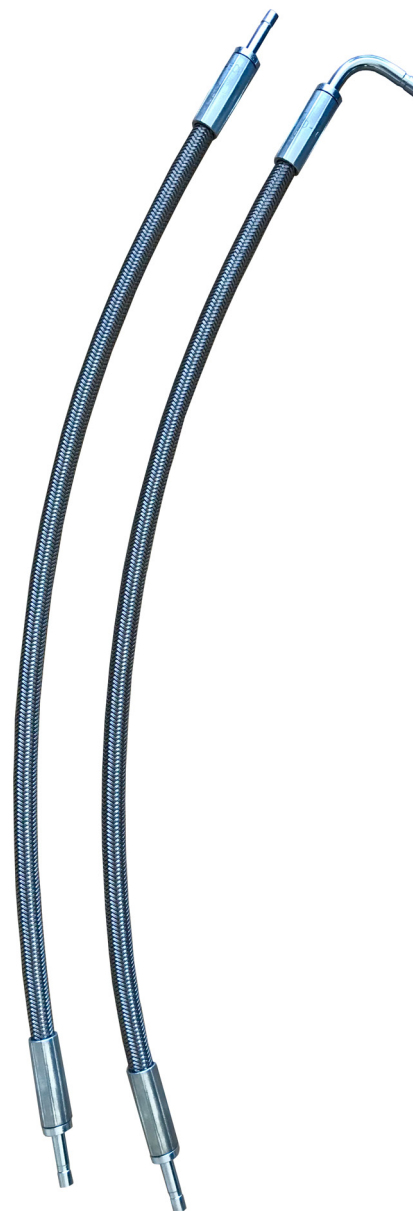
Core - PTFE

Braiding - St. St

Temp Range:

FM Approved / UL Listed: -4° to 130°F (-20° to 54°C)*

*Unless superseded by local/national standards



ORDER INFORMATION

Part Number	Connection Angle	Dimension A	Min. Bend Radius	Approximate Weight
38-401110-500	Straight to Straight	19.7" (500 mm)	3" (76 mm)	0.20 lb (94g)
38-401110-600	Straight to Straight	23.6" (600 mm)	3" (76 mm)	0.22 lb (104g)
38-401130-600	Straight to 90°	23.6" (600 mm)	3" (76 mm)	0.23 lb (107g)
38-401130-700	Straight to 90°	27.6" (700 mm)	3" (76 mm)	0.25 lb (117g)

INSTALL INFORMATION

When connecting multiple cylinders using the actuation hoses, use the following:

Connection Type	Actuation Hose Used
80 Liter Cylinders	
Release Unit to Cylinder Valve	38-401110-500
Interconnecting Valves in the same row (inline valve to valve)	
Interconnecting Valves in different rows (inbetween cylinder rows)	38-401130-600
140 Liter Cylinders	
Release Unit to Cylinder Valve	38-401110-500
Interconnecting Valves in the same row (inline valve to valve)	38-401110-600
Interconnecting Valves in different rows (inbetween cylinder rows)	38-401130-700

COMPATIBILITY

Series	DIOM P/N	Approvals*
Natura™ Inert Gas System	06-237619-001	FM, UL
Natura™ Inert Gas System	06-237598-001	LPCB
* For additional listings, contact Kidde Fire Systems		

EXPORT INFORMATION (USA)

Jurisdiction: EAR
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